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DELIVER TO: Examiner M. Woodward
Group Art Unit 1813

DATE: March 1, 1995

FROM: Patrick J. Hagan, Esq.

OUR REF:

OPERATOR: Tina Doyle

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Total Pages (including this cover) 6

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March 1, 1995
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Documents being facsimile transmitted:

- Amendment Under 37 C.F.R. §1.312

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

ROGER P. EKINS

Serial No. 07/984,264

Filed: December 1, 1992

For: DETERMINATION OF AMBIENT CONCENTRATION OF
SEVERAL ANALYTES

:
: Examiner: M. Woodward
: Group Art Unit 1813
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Computation of Additional Fee for Amendment

[X] No Additional Fee is required.
[] A check is enclosed in the amount of \$ _____.

The fee has been calculated as shown below:

CLAIMS AS AMENDED				*SMALL ENTITY		OTHER THAN A SMALL ENTITY	
FOR	CLAIMS AFTER AMDT.	CLAIMS PAID FOR	NUMBER EXTRA	RATE	FEE	RATE	FEE
EFFECTIVE TOTAL CLAIMS	17	- 20	= 0	\$ 11		\$ 22	
IND. CLAIMS	3	- 3	= 0	37		74	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS?				115		230	
PETITION FEE FOR EXTENSION NO							
				TOTAL		TOTAL	

*Applicant is a Small Entity, as established by a verified statement filed N/A.
In the event the check is improper, or the fee calculation is in error, the Commissioner is authorized to charge any underpayment or credit any overpayment to the account of the undersigned attorneys, Account No. 04-1406. A duplicate copy of this sheet is enclosed.

DANN, DORFMAN, HERRELL AND SKILLMAN
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By Patrick J. Hagan
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AMENDMENT UNDER 37 C.F.R. §1.312

In the Specification:

Delete the paragraph bridging pages 5-6 (i.e., page 5, line 20 through page 6, line 7, inclusive).

Page 8, immediately before the heading "Detailed description", insert the following paragraphs:

--In arriving at the method of the invention, I have found that, generally speaking, for antibodies having an affinity constant K litres/mole for an antigen, the relationship between the antibody concentration and the fractional occupancy of the binding sites at any particular antigen concentration and the relationship between the antibody concentration and the percentage of antigen bound to the binding sites at any particular antigen concentration follow the same curves provided that the antibody concentrations and the antigen concentrations are each expressed in terms of fractions or multiples of $1/K$.

Brief description of the drawing

The principle underlying the method of the invention may be better understood by reference to the accompanying drawing which is a graph representing two sets of curves plotting the relationship between antibody concentration and the fractional occupancy of the binding sites at certain prescribed antigen concentrations and the relationship between

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